

Global Medical Robotics Market Forecast 2017-2024

<https://marketpublishers.com/r/G8D21B17AE7EN.html>

Date: October 2016

Pages: 76

Price: US\$ 1,250.00 (Single User License)

ID: G8D21B17AE7EN

Abstracts

KEY FINDINGS

The global medical robotics market is anticipated to inflate at a CAGR of 22% during the forecast period. Technological advancements in the robotic industry and acceleration in the demand for minimal or non-invasive surgeries are primary driving factors for global Medical Robotics market.

MARKET INSIGHTS

The global market for Medical Robotics is segmented on the basis of Type, Application, and Geography. The market by Type is segregated into Surgical robots, Rehabilitation robots, Noninvasive radiosurgery robotics, Hospital and Pharmacy robotics and others. The market on the basis of Application is segmented into Laparoscopic, Orthopedic, Neurology and Others. The Geographical segmentation for the Medical Robotics market is North America, Europe, Asia-Pacific, and the Rest of the world.

The requirement of robots in surgeries for assistance is on rising across the globe. This demand is accelerating the growth of the Medical Robotics market and is projected to grow in upcoming years. The prime factor in producing and developing demands for medical robots is the surge in healthcare expenditure. The investment in Robotic technology, increase in the preference for minimally invasive surgery, mortality rates, and lifestyle diseases are some of the dominant drivers for the market growth. Contrarily, the expense difference between the surgery by robotic machines and human being varies which act as growth restraints for the market.

REGIONAL INSIGHTS

North America accounts for the largest market share for global Medical Robotics. North

America is expected to lead the global market due to development in surgical robots, hospitals, and pharmacy robots. Asia Pacific is projected to expand during the forecast years resulting in a great opportunity for the Medical Robotics market. Europe is acknowledged leader in providing professional service robotics with Germany accounted for largest medical technology market.

COMPETITIVE INSIGHTS

The dominant players in the Medical Robotics market are Accuray Inc., Aesyntinc (Acquired By Omnicell, Inc.), Aurora Biomed, Kerby Lester, Intuitive Surgical, Hansen Medical Inc., Hocoma Ag, Biotek Instruments, Baxter International, Irobot Corporation, Mazor Robotics, Abbot Diagnostics, Rewalk Robotics, CareFusion, and Agilent Technologies.

Contents

1. RESEARCH SCOPE

- 1.1. STUDY GOALS
- 1.2. SCOPE OF THE MARKET STUDY
- 1.3. WHO WILL FIND THIS REPORT USEFUL?
- 1.4. STUDY AND FORECASTING YEARS

2. RESEARCH METHODOLOGY

- 2.1. SOURCES OF DATA
 - 2.1.1. SECONDARY DATA
 - 2.1.2. PRIMARY DATA
- 2.2. TOP DOWN APPROACH
- 2.3. BOTTOM-UP APPROACH
- 2.4. DATA TRIANGULATION
- 2.5. ESTIMATION METHODOLOGY

3. EXECUTIVE SUMMARY

- 3.1. KEY FINDINGS
 - 3.1.1. SURGICAL ROBOTICS CONTRIBUTES TO HIGHEST MARKET SHARE
 - 3.1.2. CHINA AND INDIA ARE THE EMERGING MARKETS IN AUTOMATION
 - 3.1.3. HIGH COST IS THE BIGGEST RESTRAINT

4. MARKET OVERVIEW

- 4.1. MARKET DEFINITION AND SCOPE
- 4.2. MARKET DETERMINANTS
 - 4.2.1. MARKET DRIVERS
 - 4.2.2. INVESTMENT IN ROBOTIC TECHNOLOGY
 - 4.2.3. INCREASING POPULARITY OF MINIMALLY INVASIVE SURGERY
 - 4.2.4. LIFESTYLE DISEASES AND MORTALITY RATES
 - 4.2.5. GOVERNMENT SUPPORT FOR HEALTHCARE ROBOTICS
- 4.3. MARKET RESTRAINTS
 - 4.3.1. EXPENSES RELATED TO SURGERY
 - 4.3.2. SAFETY CONCERNS RELATED TO ROBOTIC MACHINES AS COMPARED TO HUMAN BEINGS

4.4. MARKET OPPORTUNITIES

4.4.1. DEVELOPMENT IN ROBOTICS FIELD

4.4.2. INCREASING NUMBER OF ELDERLY AND DISEASED PATIENTS

4.4.3. EPIDEMIC DISEASE AND CRISIS CONTROLLING ROBOTS

4.5. MARKET CHALLENGES

4.5.1. RESISTANCE FROM MEDICAL PROFESSIONALS

4.5.2. DATA PROTECTION CONCERNS

4.6. PARENT MARKET

4.7. COMPETITORS MARKET

4.8. ALTERNATIVE MARKET

5. MARKET SEGMENTATION

5.1. GLOBAL MEDICAL ROBOTICS MATERIALS MARKET BY TYPE 2017-2024 (\$ MILLION)

5.1.1. GLOBAL SURGICAL ROBOTS MARKET 2017-2024 (\$ MILLION)

5.1.2. GLOBAL REHABILITATION ROBOTS MARKET 2017-2024 (\$ MILLION)

5.1.3. GLOBAL NONINVASIVE RADIOSURGERY ROBOTICS MARKET 2017-2024 (\$ MILLION)

5.1.4. GLOBAL HOSPITAL AND PHARMACY ROBOTICS MARKET 2017-2024 (\$ MILLION)

5.1.5. GLOBAL OTHERS MARKET 2017-2024 (\$ MILLION)

5.2. GLOBAL MEDICAL ROBOTICS MATERIALS MARKET BY APPLICATION 2017-2024 (\$ MILLION)

5.2.1. GLOBAL LAPAROSCOPIC MARKET 2017-2024(\$ MILLION)

5.2.2. GLOBAL ORTHOPEDIC MARKET 2017-2024(\$ MILLION)

5.2.3. GLOBAL NEUROLOGY MARKET 2017-2024(\$ MILLION)

5.2.4. GLOBAL OTHERS APPLICATION MARKET 2017-2024(\$ MILLION)

6. KEY ANALYTICS

6.1. KEY MARKET INSIGHTS

6.1.1. TOP 3 EMERGING COUNTRIES

6.1.2. TOP 3 REVENUE GENERATING SEGMENTS

6.1.3. TOP GROWING MARKETS AND EMERGING TRENDS

6.2. COMPETITIVE LANDSCAPE

6.2.1. MARKET SHARE ANALYSIS

6.2.2. TOP WINNING STRATEGIES

6.2.3. CASE STUDIES: TOP COMPETITIVE MOVES

6.3. MEDICAL ROBOTS MARKET: PORTER'S MODEL

6.3.1. BARGAINING POWER OF SUPPLIERS

6.3.2. THREAT OF NEW ENTRANTS

6.3.3. BARGAINING POWER OF BUYERS

6.3.4. THREAT OF SUBSTITUTES

6.3.5. COMPETITIVE RIVALRY BETWEEN EXISTING PLAYERS

6.4. KEY BUYING CRITERIA

6.5. PARAMETRIC ANALYSIS

6.5.1. GROWING INDUSTRIALIZATION

6.5.2. ADOPTION ACROSS VARIOUS INDUSTRIES

7. GEOGRAPHIC ANALYSIS

7.1. NORTH AMERICA MEDICAL ROBOTICS MARKET 2017-2024 (\$ MILLION)

7.1.1. U.S. MEDICAL ROBOTS MARKET 2017-2024 (\$ MILLION)

7.1.2. CANADA MEDICAL ROBOTICS MARKET 2017-2024 (\$ MILLION)

7.2. EUROPE GLOBAL MEDICAL ROBOTICS MARKET 2017-2024 (\$ MILLION)

7.2.1. UNITED KINGDOM (UK) MEDICAL ROBOTS MARKET 2017-2024 (\$ MILLION)

7.2.2. FRANCE MEDICAL ROBOTS MARKET 2017-2024 (\$ MILLION)

7.2.3. GERMANY GLOBAL MEDICAL ROBOTS MARKET 2017-2024 (\$ MILLION)

7.2.4. ROE GLOBAL MEDICAL ROBOTS MARKET 2017-2024 (\$ MILLION)

7.3. ASIA-PACIFIC GLOBAL MEDICAL ROBOTICS MARKET 2017-2024 (\$ MILLION)

7.3.1. INDIA MEDICAL ROBOTICS MARKET 2017-2024 (\$ MILLION)

7.3.2. CHINA MEDICAL ROBOTICS MARKET 2017-2024 (\$ MILLION)

7.3.3. JAPAN MEDICAL ROBOTICS MARKET 2017-2024 (\$ MILLION)

7.3.4. SOUTH KOREA MEDICAL ROBOTICS MARKET 2017-2024 (\$ MILLION)

7.3.5. REST OF APAC MEDICAL ROBOTICS MARKET 2017-2024 (\$ MILLION)

7.4. REST OF THE WORLD GLOBAL MEDICAL ROBOTICS MARKET 2017-2024 (\$ MILLION)

7.4.1. LATIN AMERICA MEDICAL ROBOTICS MARKET 2017-2024 (\$ MILLION)

7.4.2. MENA MEDICAL ROBOTICS MARKET 2017-2024 (\$ MILLION)

8. COMPANY PROFILES

8.1. ABBOT DIAGNOSTICS

8.1.1. OVERVIEW

8.1.2. PRODUCTS PORTFOLIO

8.1.3. SCOT ANALYSIS

8.1.4. STRATEGIC MOVES

8.2. ACCURAY, INC

8.2.1. OVERVIEW

8.2.2. PRODUCTS PORTFOLIO

8.2.3. SCOT ANALYSIS

8.2.4. STRATEGIC MOVES

8.3. AESYNTINC (ACQUIRED BY OMNICELL, INC.)

8.3.1. OVERVIEW

8.3.2. PRODUCTS PORTFOLIO

8.3.3. SCOT ANALYSIS

8.3.4. STRATEGIC MOVES

8.4. AGILENT TECHNOLOGIES

8.4.1. OVERVIEW

8.4.2. PRODUCTS PORTFOLIO

8.4.3. SCOT ANALYSIS

8.4.4. STRATEGIC MOVES

8.5. AURORA BIOMED

8.5.1. OVERVIEW

8.5.2. PRODUCTS PORTFOLIO

8.5.3. SCOT ANALYSIS

8.6. BAXTER INTERNATIONAL

8.6.1. OVERVIEW

8.6.2. PRODUCTS PORTFOLIO

8.6.3. SCOT ANALYSIS

8.6.4. STRATEGIC MOVES

8.7. BIOTEK INSTRUMENTS

8.7.1. OVERVIEW

8.7.2. PRODUCTS PORTFOLIO

8.7.3. SCOT ANALYSIS

8.7.4. STRATEGIC MOVES

8.8. CAREFUSION

8.8.1. OVERVIEW

8.8.2. PRODUCTS PORTFOLIO

8.8.3. SCOT ANALYSIS

8.8.4. STRATEGIC MOVES

8.9. HANSEN MEDICAL, INC.

8.9.1. OVERVIEW

8.9.2. PRODUCTS PORTFOLIO

8.9.3. SCOT ANALYSIS

8.9.4. STRATEGIC MOVES

- 8.10. HOCOMA AG
 - 8.10.1. OVERVIEW
 - 8.10.2. PRODUCTS PORTFOLIO
 - 8.10.3. SCOT ANALYSIS
 - 8.10.4. STRATEGIC MOVES
- 8.11. INTUITIVE SURGICAL
 - 8.11.1. OVERVIEW
 - 8.11.2. PRODUCTS PORTFOLIO
 - 8.11.3. STRATEGIC MOVES
 - 8.11.4. SCOT ANALYSIS
- 8.12. MAZOR ROBOTICS
 - 8.12.1. OVERVIEW
 - 8.12.2. PRODUCT PORTFOLIO
 - 8.12.3. STRATEGIC MOVES
 - 8.12.4. SCOT ANALYSIS
- 8.13. KERBY LESTER
 - 8.13.1. OVERVIEW
 - 8.13.2. PRODUCT PORTFOLIO
 - 8.13.3. STRATEGIC MOVES
 - 8.13.4. SCOT ANALYSIS
- 8.14. REWALK ROBOTICS
 - 8.14.1. OVERVIEW
 - 8.14.2. PRODUCT PORTFOLIO
 - 8.14.3. STRATEGIC MOVES
 - 8.14.4. SCOT ANALYSIS
- 8.15. IROBOT CORPORATION
 - 8.15.1. OVERVIEW
 - 8.15.2. PRODUCT PORTFOLIO
 - 8.15.3. SCOT ANALYSIS

LIST OF TABLE

TABLE 1 GLOBAL MEDICAL ROBOTICS MARKET BY APPLICATION 2017-2024 (\$ MILLION)

TABLE 2 COST OF GENERAL ROBOTIC SURGERIES PERFORMED GLOBALLY IN 2015

TABLE 3 EXPERTISE REQUIRED FOR ROBOTICS SURGERIES

TABLE 4 GLOBAL MEDICAL ROBOTICS MATERIALS MARKET BY TYPE 2017-2024 (\$ MILLION)

TABLE 5 GLOBAL SURGICAL ROBOTS MARKET BY REGION 2017-2024 (\$ MILLION)

TABLE 6 GLOBAL REHABILITATION ROBOTS MARKET BY REGION 2017-2024 (\$ MILLION)

TABLE 7 GLOBAL NON-INVASIVE RADIOSURGERY ROBOTICS MARKET BY REGION 2017-2024 (\$ MILLION)

TABLE 8 GLOBAL HOSPITAL AND PHARMACY ROBOTICS MARKET 2017-2024 (\$ MILLION)

TABLE 9 GLOBAL OTHERS ROBOTS MARKET BY REGION 2017-2024 (\$ MILLION)

TABLE 10 GLOBAL LAPAROSCOPIC MARKET BY REGION 2017-2024(\$ MILLION)

TABLE 11 GLOBAL ORTHOPEDIC MARKET BY REGION 2017-2024(\$ MILLION)

TABLE 12 GLOBAL NEUROLOGY MARKET BY REGION 2017-2024(\$ MILLION)

TABLE 13 GLOBAL OTHERS APPLICATION MARKET BY REGION 2017-2024 (\$ MILLION)

TABLE 14 PORTER'S FIVE FORCE MODEL IN MEDICAL ROBOTS MARKET

TABLE 15 GLOBAL MEDICAL ROBOTICS MARKET BY REGION 2017-2024 (\$ MILLION)

TABLE 16 NORTH AMERICA MEDICAL ROBOTICS MARKET BY REGION 2017-2024 (\$ MILLION)

TABLE 17 NUMBER OF PHYSICIANS AND PHYSICIANS/100K POPULATION IN NEUROLOGY IN CANADA, 2015

TABLE 18 EUROPE GLOBAL MEDICAL ROBOTICS MARKET BY REGION 2017-2024 (\$ MILLION)

TABLE 19 EUROPEAN ROBOTICS STRENGTHS AND WEAKNESSES

TABLE 20 ASIA PACIFIC GLOBAL MEDICAL ROBOTICS MARKET BY REGION 2017-2024 (\$ MILLION)

TABLE 21 MAJOR BENEFITS EXPERIENCED BY SURGEONS AND PATIENTS USING THE ROBOTIC SURGICAL SYSTEM

TABLE 22 REST OF APAC MEDICAL ROBOTICS MARKET BY REGIONV2017-2024 (\$ MILLION)

List Of Figures

LIST OF FIGURES

FIGURE 1 GLOBAL MEDICAL ROBOTICS MARKET 2017-2024 (\$ MILLION)

FIGURE 2 GLOBAL MEDICAL ROBOTICS MARKET IN 2016 (%)

FIGURE 3 ANNUAL SUPPLY OF INDUSTRIAL ROBOTS BY END-USER INDUSTRIES, (2012 & 2014)

FIGURE 4 APPLICATIONS OF MEDICAL ROBOTS MARKET SHARE, 2016

FIGURE 5 MEDICAL ROBOTICS R&D INVESTMENTS BY REGION 2015

FIGURE 6 PRICE DIFFERENCES IN SURGERY WITH AND WITHOUT ROBOTS (% PERCENTAGE) 2015

FIGURE 7 YOUNG CHILDREN AND OLDER PEOPLE AS A PERCENTAGE OF GLOBAL POPULATION: 1250-2050

FIGURE 8 COMPETITORS FOR MEDICAL ROBOTICS

FIGURE 9 NON-INVASIVE RADIOSURGERY ROBOTICS MARKET BY REGION 2016

FIGURE 10 GLOBAL OVERWEIGHT AND OBESITY CASES IN 2014(IN MILLION)

FIGURE 11 PROPORTION OF POPULATION AGED 60 YEARS OR OVER, 1250-2025(IN PERCENTAGE)

FIGURE 12 CHINA MEDICAL ROBOTICS MARKET 2017-2024(\$ MILLION)

FIGURE 13 US MEDICAL ROBOTICS MARKET 2017-2024 (\$ MILLION)

FIGURE 14 JAPAN MEDICAL ROBOTICS MARKET 2017-2024(\$ MILLION)

FIGURE 15 GLOBAL SURGICAL ROBOTS MARKET 2017-2024 (\$ MILLION)

FIGURE 16 GLOBAL LAPAROSCOPY MARKET 2017-2024 (\$ MILLION)

FIGURE 17 GLOBAL MEDICAL ROBOTICS MARKET BY APPLICATION IN 2016 (%)

FIGURE 18 GLOBAL REHABILITATION ROBOT MARKET 2017-2024 (\$ MILLION)

FIGURE 19 MARKET SHARE ANALYSIS OF MEDICAL ROBOTICS MARKET 2015

FIGURE 20 TOP WINNING STRATEGIES IN GLOBAL MEDICAL ROBOTICS MARKET

FIGURE 21 GLOBAL MEDICAL ROBOTICS MARKET: KEY BUYING CRITERIA

FIGURE 22 MEDICAL ROBOTICS R&D INVESTMENTS BY REGION 2015

FIGURE 23 U.S. MEDICAL ROBOTS MARKET 2017-2024 (\$ MILLION)

FIGURE 24 PRIORITY WISE TELEMEDICINE MARKET IN U.S. IN 2015

FIGURE 25 CANADA MEDICAL ROBOTICS MARKET 2017-2024 (\$ MILLION)

FIGURE 26 DA VINCI SURGICAL SYSTEM INSTALLATION BASE AS OF JUNE 30, 2015 (IN UNITS)

FIGURE 27 UNITED KINGDOM (UK) MEDICAL ROBOTS MARKET 2017-2024 (\$ MILLION)

FIGURE 28 FRANCE MEDICAL ROBOTS MARKET 2017-2024 (\$ MILLION)

FIGURE 29 GERMANY GLOBAL MEDICAL ROBOTS MARKET 2017-2024 (\$ MILLION)

FIGURE 30 ROE GLOBAL MEDICAL ROBOTS MARKET 2017-2024 (\$ MILLION)

FIGURE 31 INDIA MEDICAL ROBOTICS MARKET 2017-2024 (\$ MILLION)

FIGURE 32 CHINA MEDICAL ROBOTICS MARKET 2017-2024 (\$ MILLION)

FIGURE 33 JAPAN MEDICAL ROBOTICS MARKET 2017-2024 (\$ MILLION)

FIGURE 34 SOUTH KOREA MEDICAL ROBOTICS MARKET 2017-2024 (\$ MILLION)

FIGURE 35 LATIN AMERICA MEDICAL ROBOTICS MARKET 2017-2024 (\$ MILLION)

FIGURE 36 MENA MEDICAL ROBOTICS MARKET 2017-2024 (\$ MILLION)

I would like to order

Product name: Global Medical Robotics Market Forecast 2017-2024

Product link: <https://marketpublishers.com/r/G8D21B17AE7EN.html>

Price: US\$ 1,250.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G8D21B17AE7EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970